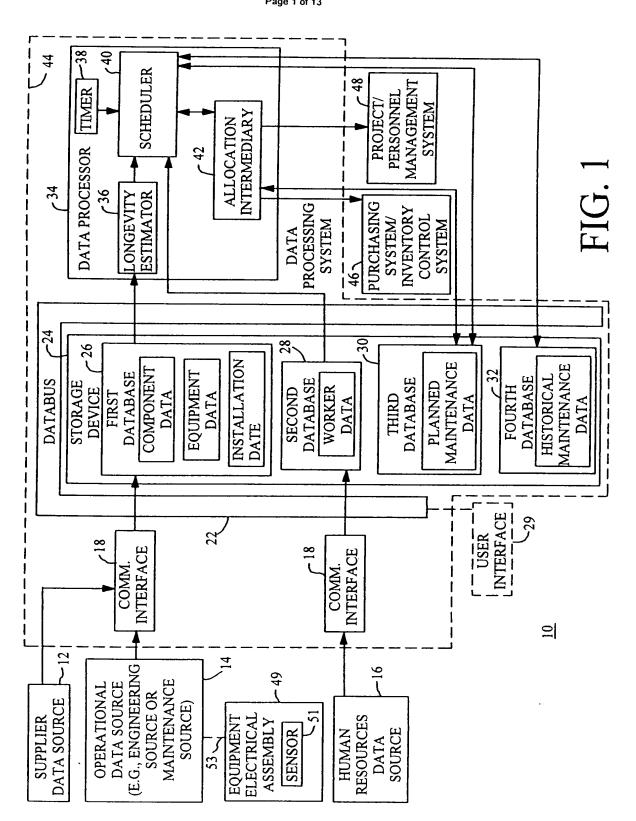
Patent for: PE RMING PREDICTIVE MAINTENANCE ON EQUIPA Inventor: Michael Wetzer Attorney Docket No.: 10022/28 - Serial No. 09/825,633 - Filed April 3, 2001 Page 1 of 13



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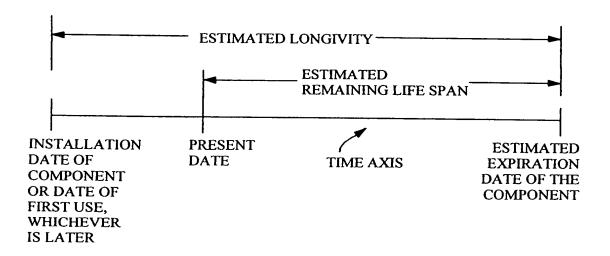


FIG. 2

Patent for: PER. HING PREDICTIVE MAINTENANCE ON EQUIPML Inventor: Michael Wetzer

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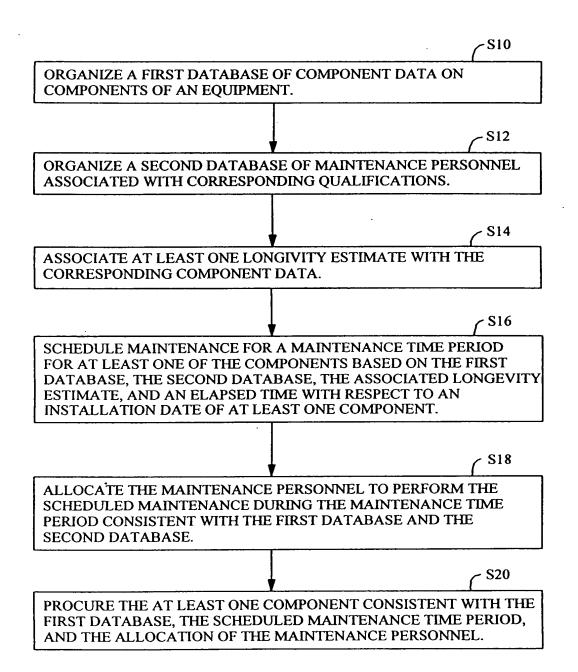


FIG. 3

Page 4 of 13 -S10 ORGANIZE A FIRST DATABASE OF COMPONENT DATA ON COMPONENTS OF AN EQUIPMENT. S22 ORGANIZE A SECOND DATABASE OF MAINTENANCE PERSONNEL ASSOCIATED WITH CORRESPONDING QUALIFICATIONS. ORGANIZE THE SECOND DATABASE TO CONTAIN CORRESPONDING LOCATIONS AND AVAILABLE TIME PERIODS FOR RESPECTIVE MAINTENANCE PERSONNEL. **S14** ASSOCIATE AT LEAST ONE LONGEVITY ESTIMATE WITH THE CORRESPONDING COMPONENT DATA. · S16 SCHEDULE MAINTENANCE FOR A MAINTENANCE TIME PERIOD FOR AT LEAST ONE OF THE COMPONENTS BASED ON THE FIRST DATABASE, THE SECOND DATABASE, THE ASSOCIATED LONGEVITY ESTIMATE, AND AN ELAPSED TIME WITH RESPECT TO AN INSTALLATION DATE OF AT LEAST ONE COMPONENT. S24 ALLOCATE THE MAINTENANCE PERSONNEL TO PERFORM THE SCHEDULED MAINTENANCE DURING THE MAINTENANCE TIME PERIOD CONSISTENT WITH THE FIRST DATABASE AND THE SECOND DATABASE, THE LOCATIONS, AVAILABLE TIME PERIODS, AND A PROSPECTIVE LOCATION OF THE EQUIPMENT. **S20** PROCURE THE AT LEAST ONE COMPONENT CONSISTENT WITH THE FIRST DATABASE, THE SCHEDULED MAINTENANCE TIME PERIOD. AND THE ALLOCATION OF THE MAINTENANCE PERSONNEL.

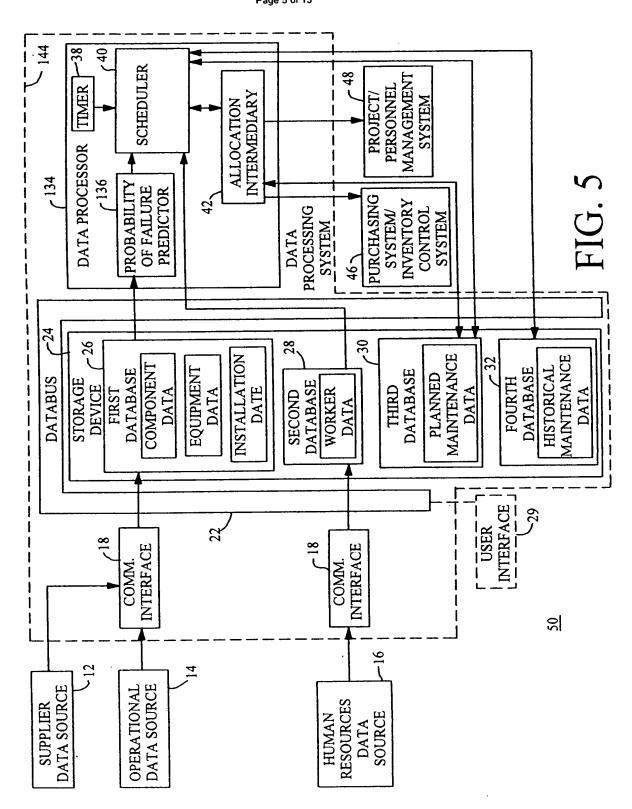
.MING PREDICTIVE MAINTENANCE ON EQUIPME.

Inventor: Michael Wetzer
Attorney Docket No.: 10022/28 - Serial No. 09/825,633 - Filed April 3, 2001

Patent for: PERi

FIG.4

Patent for: PER: ...: AMING PREDICTIVE MAINTENANCE ON EQUIPML Inventor: Michael Wetzer
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Patent for: PEtar ORMING PREDICTIVE MAINTENANCE ON EQUIPMLAT Inventor: Michael Wetzer
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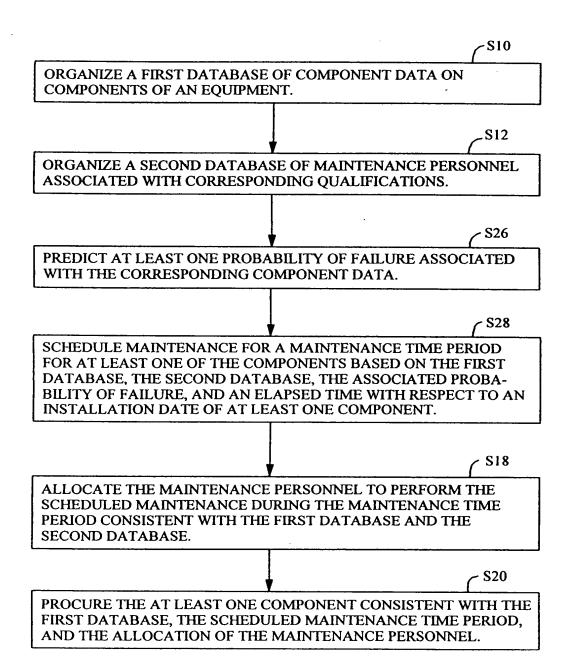


FIG. 6

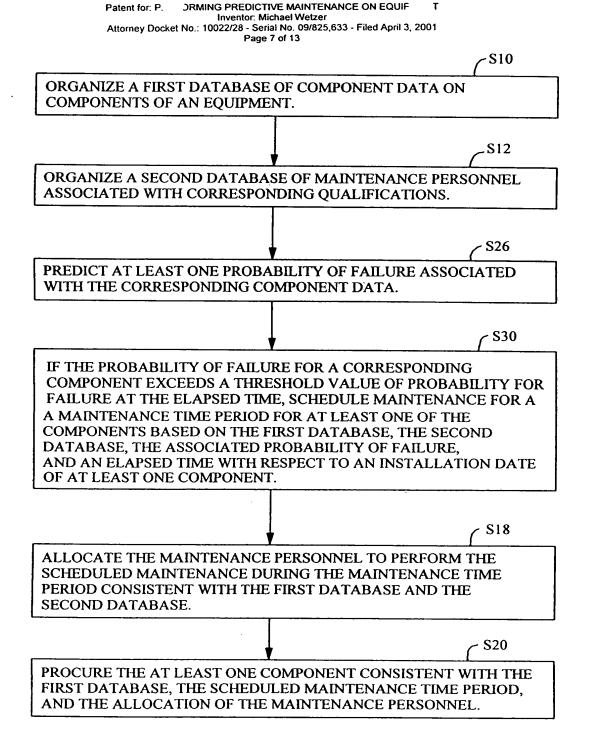
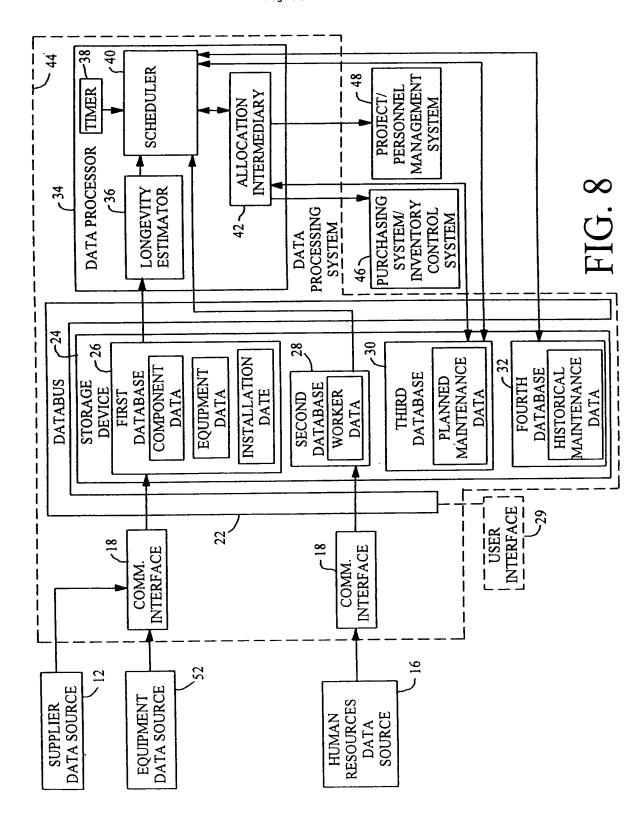
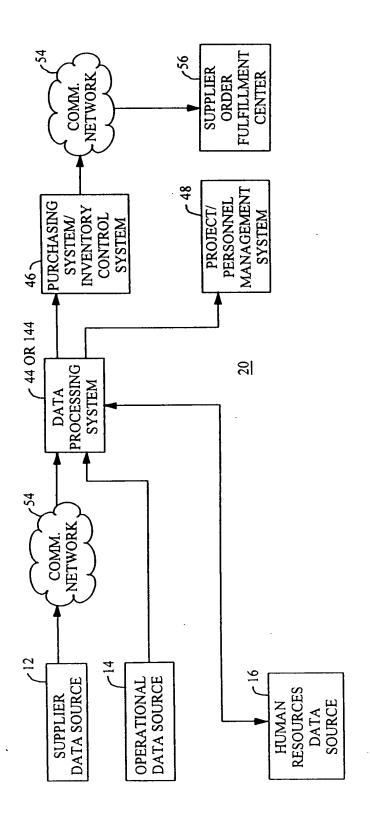


FIG. 7

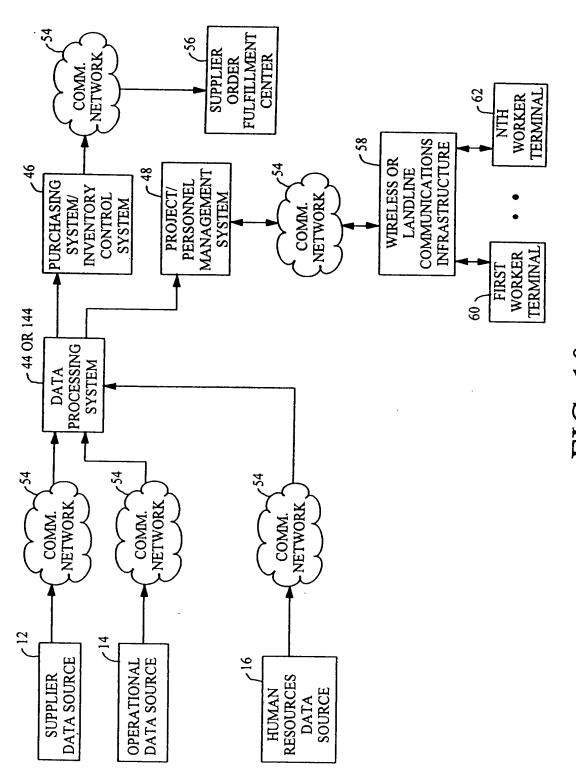
Patent for: PEF AMING PREDICTIVE MAINTENANCE ON EQUIPM.
Inventor: Michael Wetzer
Attorney Docket No.: 10022/28 - Serial No. 09/825,633 - Filed April 3, 2001
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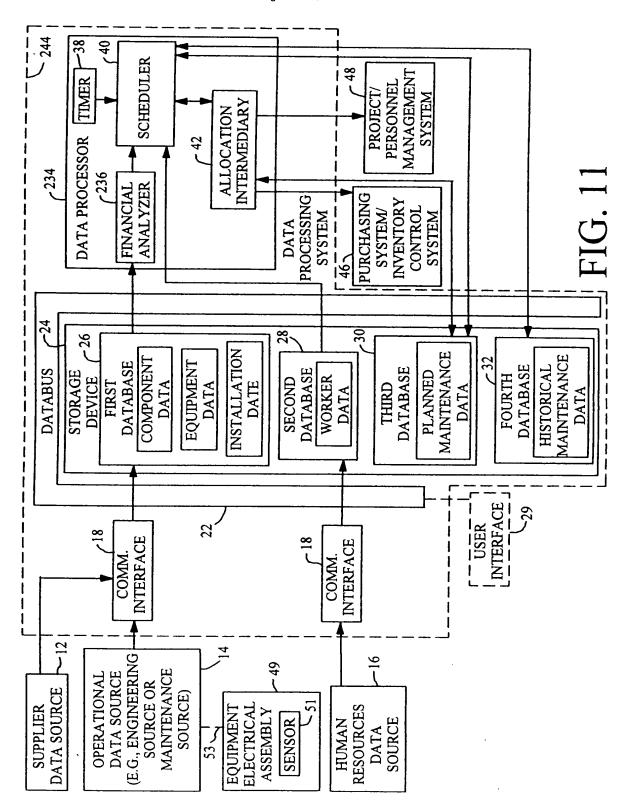


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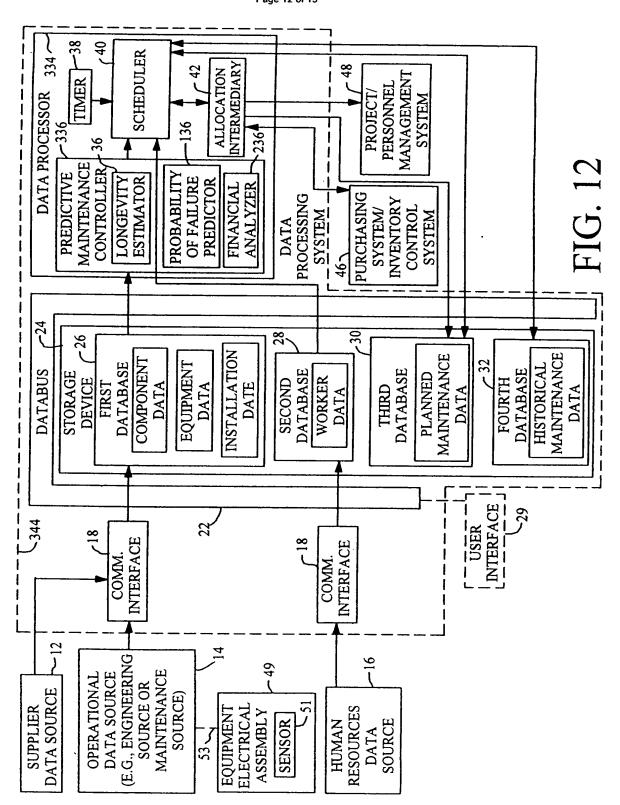


Patent for: PE RMING PREDICTIVE MAINTENANCE ON EQUIPM. Inventor: Michael Wetzer
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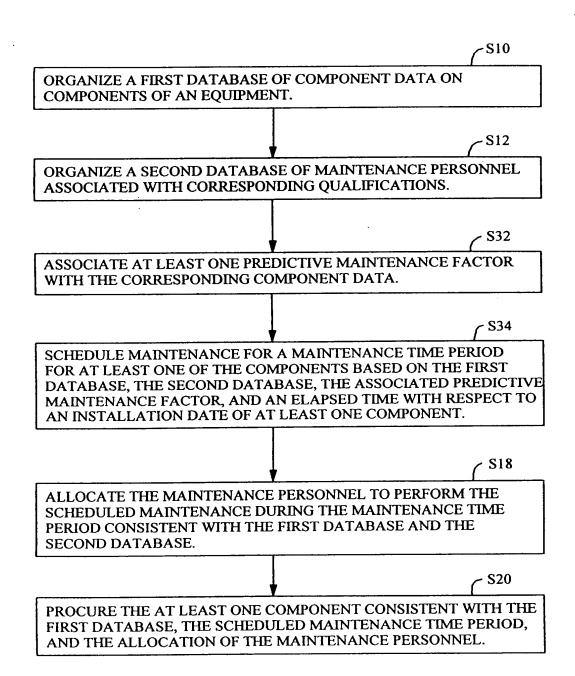


FIG. 13